

Title (en)

Method for producing esters of short-chains alcohols from triglyceride-rich oils

Title (de)

Verfahren zur Herstellung von Estern kurzkettiger Alkohole aus triglyceridreichen Ölen

Title (fr)

Procédé de fabrication d'esters d'alcools à chaîne courte à partir d'huiles riches en triglycérides

Publication

EP 2298727 B1 20150304 (DE)

Application

EP 09011399 A 20090905

Priority

EP 09011399 A 20090905

Abstract (en)

[origin: EP2298727A1] Producing fatty acid esters of short-chain alcohols, comprises (i) subjecting plant oils or animal fats in the presence of enzymes to partial transesterification and hydrolyzing with aqueous aliphatic 1-6C alcohols, (ii) transesterifying or esterifying the reaction product with anhydrous aliphatic 1-6C alcohol, and (iii) re-using the excess alcohol separated from the step (ii) in the first reaction step without further purification.

IPC 8 full level

C07C 67/02 (2006.01); **C07C 67/03** (2006.01); **C07C 67/08** (2006.01); **C10L 1/02** (2006.01); **C10L 1/18** (2006.01); **C10L 1/19** (2006.01); **C11C 3/00** (2006.01); **C12P 7/64** (2006.01)

CPC (source: EP)

C07C 67/03 (2013.01); **C07C 67/08** (2013.01); **C10L 1/02** (2013.01); **C10L 1/026** (2013.01); **C10L 1/19** (2013.01); **C11C 3/003** (2013.01); **C12P 7/6454** (2013.01); **C10G 2300/1011** (2013.01); **Y02E 50/10** (2013.01); **Y02P 30/20** (2015.11)

Cited by

CN111733196A; GB2490324A; GB2490324B; EP2687588A4; US8697393B2; WO2020153902A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2298727 A1 20110323; EP 2298727 B1 20150304

DOCDB simple family (application)

EP 09011399 A 20090905